

01398045 BACK BROOK TRIBUTARY NEAR RINGOES, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°25'41", long 74°49'51" referenced to North American Datum of 1983, East Amwell Township, Hunterdon County, NJ, Hydrologic Unit 02030105, at right upstream wingwall of bridge on Wertsville Road, 2.1 mi east of Ringoes, 1.3 mi upstream from Back Brook, and 2.3 mi southwest of Wertsville.

DRAINAGE AREA.--1.98 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1978-88. Annual maximum, water years 1989 to current year.

REVISED RECORDS.--WDR-US-08: 1978, 1979(P), 1980(M).

GAGE.--Crest-stage gage. Datum of gage is 161.6 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,640 ft³/s, Apr 15, 2007, gage height, 6.10 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 1,090 ft³/s, Mar 8, gage height, 4.59 ft.

REVISIONS.--Some peaks above base for water years 1978, 1979 and 1980 have been revised as shown in the following table. These values supersede those previously published in their respective annual water data reports.

Water Year	Peak Date	Discharge (ft ³ /s)	Gage height (ft)
1978	Dec 21, 1977	458	2.81
	Jan 9, 1978	468	2.84
	Jan 26, 1978	*565	*3.14
	Mar 14, 1978	442	2.77
	Mar 24, 1978	458	2.81
1979	Jan 21, 1979	434	2.75
1980	Mar 21, 1980	*517	*2.99

* Annual maximum.